

SUPPLEMENTARY TABLE. Age group and region* of women aged 18–64 years† and women aged 18–64 years who had any BRCA test† and were enrolled in employer-sponsored health insurance, in metropolitan and nonmetropolitan areas — United States, 2009–2014§

Age group, region, and BRCA testing status	2009		2010		2011		2012		2013		2014		Total§		
	Metro	Nonmetro	Total												
Women aged 18–64 yrs															
Total	No.														
	13,111,286	2,366,872	14,865,255	2,556,191	17,207,843	2,900,278	17,611,933	2,943,169	14,905,066	2,219,805	16,213,843	2,409,979	38,843,602	6,705,602	45,549,204
Age group (yrs)	%														
18–34	33.1††	30.1††	33.0††	29.6††	33.9††	30.6††	34.8††	32.0††	34.9††	32.0††	35.2††	31.9††	39.9††	36.2††	39.4
35–44	22.4††	20.9††	22.4††	21.1††	21.6††	20.1††	21.4††	19.8††	21.2††	19.7††	20.9††	19.5††	21.1††	20.0††	21.0
45–54	24.8††	26.2††	24.9††	26.4††	24.2††	25.4††	23.7††	24.7††	23.4††	24.2††	23.0††	23.9††	21.9††	23.5††	22.1
55–64	19.6††	22.8††	19.7††	22.9††	20.3††	23.8††	20.1††	23.5††	20.6††	24.1††	20.9††	24.7††	17.1††	20.3††	17.5
Region¶	%														
Northeast	13.7††	4.5††	16.2††	8.5††	19.1††	13.8††	19.3††	13.6††	20.4††	10.9††	22.8††	15.1††	18.6††	11.3††	17.6
South	46.0††	49.7††	38.2††	51.3††	35.0††	47.2††	34.7††	45.0††	32.8††	46.0††	35.3††	46.2††	38.4††	47.1††	39.7
Midwest	24.5††	33.5††	23.5††	27.6††	22.4††	27.4††	21.9††	27.5††	19.7††	28.2††	18.4††	27.1††	21.5††	28.7††	22.6
West	15.6††	11.6††	21.7††	12.5††	20.0††	11.6††	21.4††	13.8††	24.0††	14.9††	20.8††	11.6††	19.8††	12.7††	18.8
Women aged 18–64 yrs who had any BRCA test															
Total	No.														
	13,475	1,533	16,826	1,977	21,558	2,576	25,256	2,945	33,193	3,560	38,560	4,610	147,725	17,112	164,837
Age group (yrs)	%														
18–34	13.3††	11.3††	12.5	12.9	13.9††	13.5††	15.3††	14.4††	15.1††	16.3††	16.4††	16.1††	14.9††	14.7††	14.9
35–44	30.1††	27.7††	29.3	28.4	28.6††	25.0††	28.8††	26.6††	28.3††	25.9††	28.1††	26.1††	28.7††	26.4††	28.4
45–54	36.5††	37.3††	37.2	37.4	35.7††	36.9††	34.6††	35.6††	33.9††	34.5††	32.1††	32.3††	34.4††	35.1††	34.5
55–64	20.1††	23.7††	21.0	21.2	21.7††	24.6††	21.3††	23.5††	22.7††	23.3††	23.4††	25.5††	22.0††	23.9††	22.2
Region¶	%														
Northeast	19.8††	5.8††	22.0††	11.5††	23.3††	18.7††	22.5††	16.0††	26.6††	13.2††	25.3††	16.3††	23.9††	14.4††	22.9
South	45.4††	48.1††	37.9††	48.9††	33.4††	41.6††	34.4††	43.4††	31.2††	48.4††	35.4††	51.1††	35.2††	47.4††	36.5
Midwest	21.6††	33.7††	22.7††	26.5††	21.7††	27.8††	21.0††	28.9††	17.3††	26.4††	16.7††	22.6††	19.4††	26.7††	20.2
West	13.0††	12.3††	17.1††	13.0††	17.9††	11.9††	19.4††	11.7††	22.0†††	12.0††	20.4††	10.0††	19.2††	11.5††	18.4

Source: MarketScan Commercial Claims and Encounters databases.

Abbreviations: BRCA = breast cancer (gene); metro = metropolitan; NA = not available; nonmetro = nonmetropolitan.

* Statistical comparisons of column proportions by chi-square test.

† Women who had BRCA testing for Ashkenazi mutations were excluded from the analyses.

§ Combined data for total sample of women aged 18–64 years are corrected for multiyear enrollment. Data combined across the study period for women aged 18–64 years who had BRCA tests, 2009–2014, corrected for the <1% of women who had BRCA testing in >1 year.

¶ Region percentages might not add up to 100% because of missing data.

†† p<0.05.